LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
Data File : VU049257.D
Acq On : 17 Jun 2022 20:31
Operator : SY/MD
Sample : N3320-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGJ79

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU049257.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	32	42	71	rBV	265135	671188	100.00%	12.084%
2	1.597	74	80	89	rVB2	71345	95233	14.19%	1.715%
3	1.912	171	178	193	rVB	44885	58009	8.64%	1.044%
4	2.575	368	384	398	rBV4	198704	384170	57.24%	6.916%
5	2.645	399	406	423	rVB2	5394	12175	1.81%	0.219%
6	3.870	770	787	813	rBV2	198401	471505	70.25%	8.489%
7	3.993	813	825	843	rVB8	3592	10424	1.55%	0.188%
8	4.633	1011	1024	1046	rBV	86056	236142	35.18%	4.251%
9	4.835	1073	1087	1114	rVB2	8273	28053	4.18%	0.505%
10	5.067	1142	1159	1179	rBV	83390	184255	27.45%	3.317%
11	5.726	1343	1364	1379	rBV2	160988	420391	62.63%	7.568%
12	6.250	1509	1527	1554	rBV	168610	316749	47.19%	5.703%
13	6.694	1650	1665	1685	rBV2	107455	207491	30.91%	3.736%
14	7.009	1744	1763	1799	rBV2	48807	184781	27.53%	3.327%
15	7.568	1925	1937	1961	rBV	55016	96682	14.40%	1.741%
16	7.899	2025	2040	2055	rBV	188757	326111	48.59%	5.871%
17	7.970	2055	2062	2077	rVB2	8056	14112	2.10%	0.254%
18	8.182	2111	2128	2143	rBV2	32487	56257	8.38%	1.013%
19	8.636	2256	2269	2304	rBV	313485	586763	87.42%	10.564%
20	9.417	2500	2512	2534	rBV	226114	375156	55.89%	6.754%
21	10.758	2917	2929	2946	rBV	89037	141324	21.06%	2.544%
22	11.812	3246	3257	3278	rBV	227580	368284	54.87%	6.630%
23	12.195	3363	3376	3397	rVB	190174	309294	46.08%	5.568%

Sum of corrected areas: 5554549

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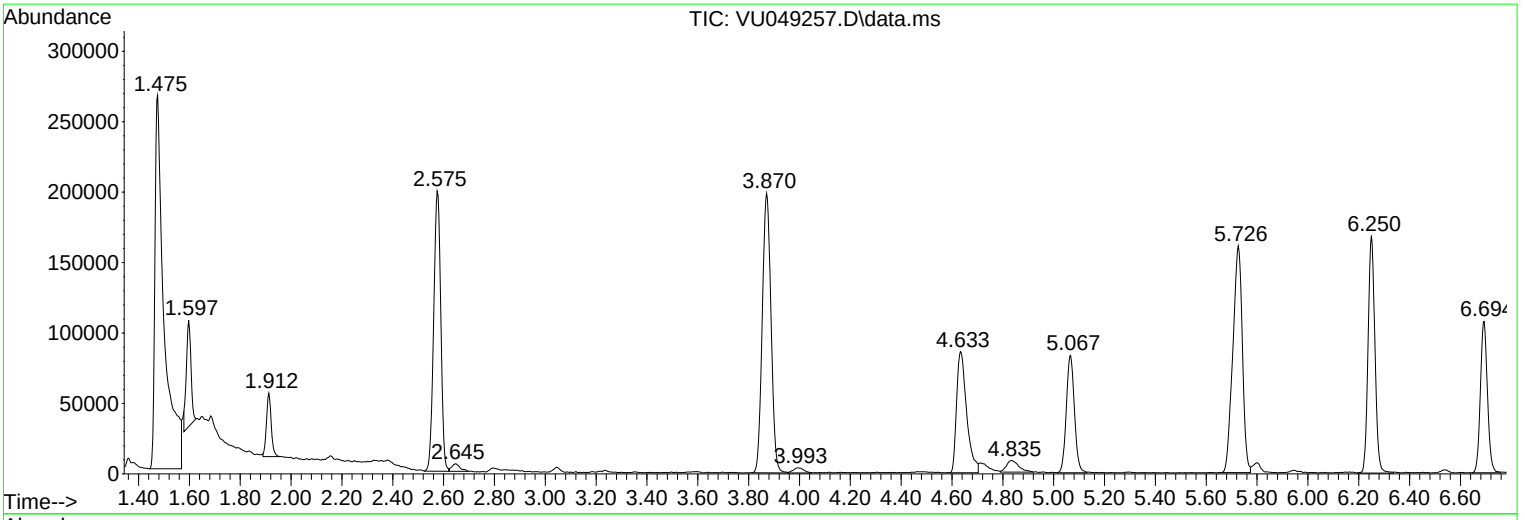
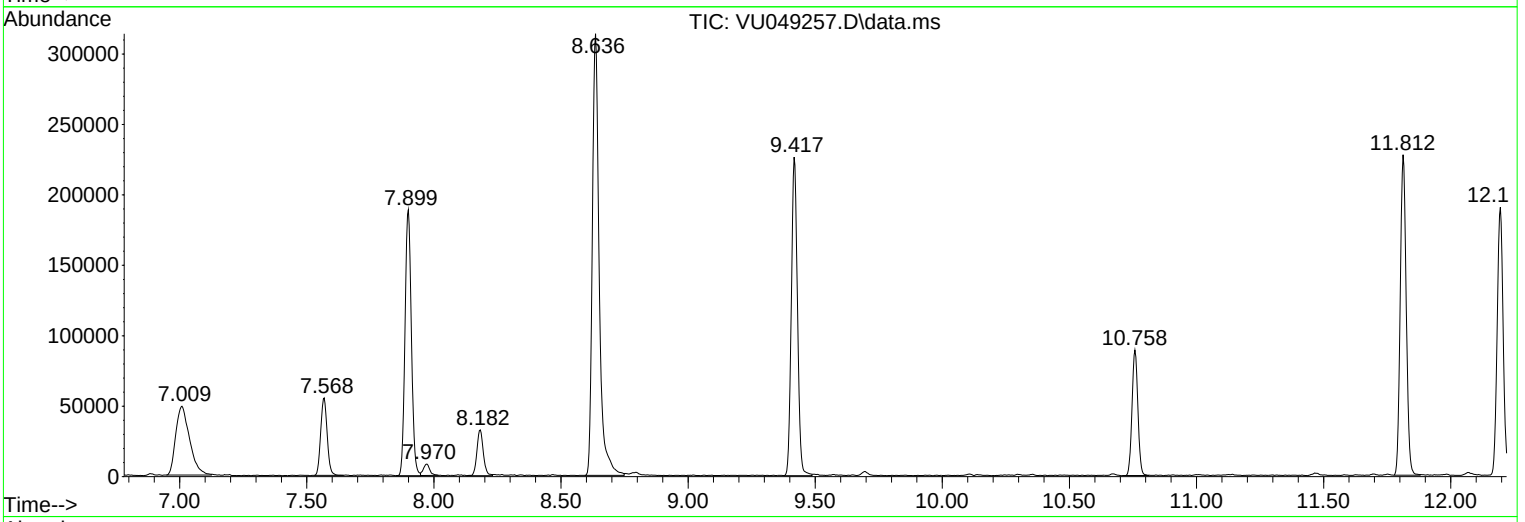
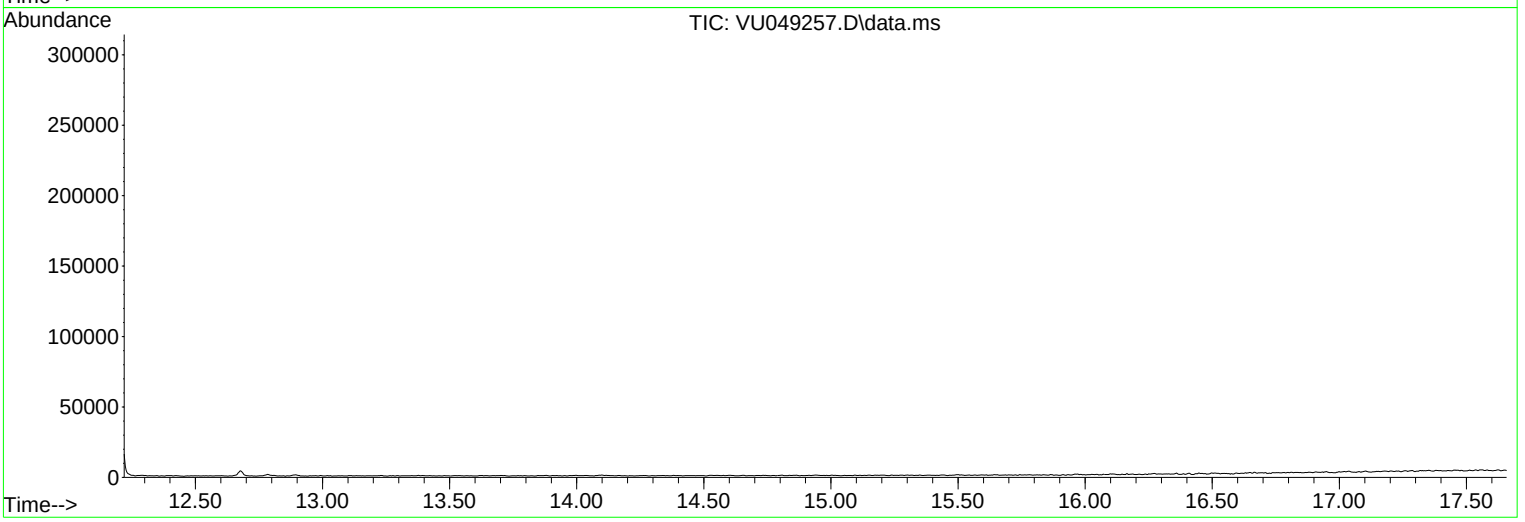
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : TRACE VOA SFAM1.0

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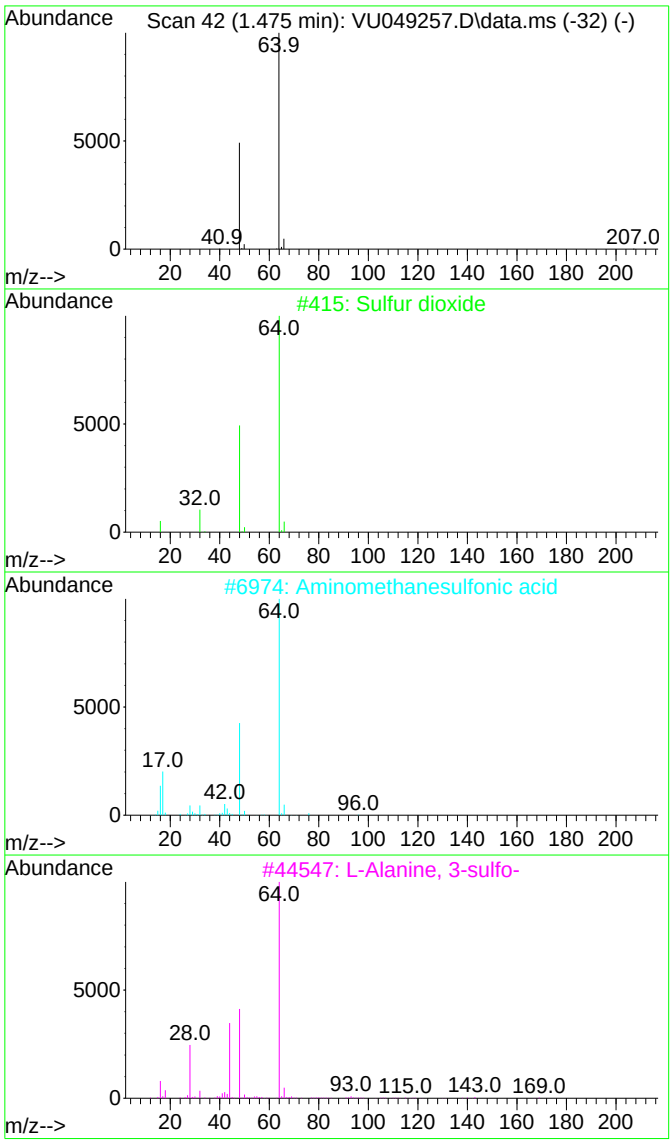
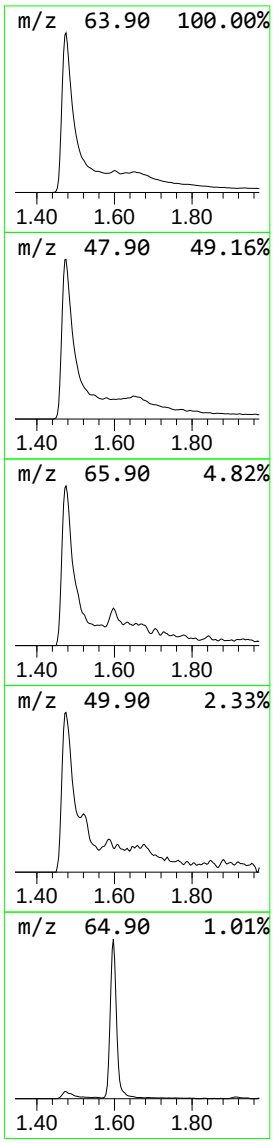
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.475	10.60 ug/L	671188	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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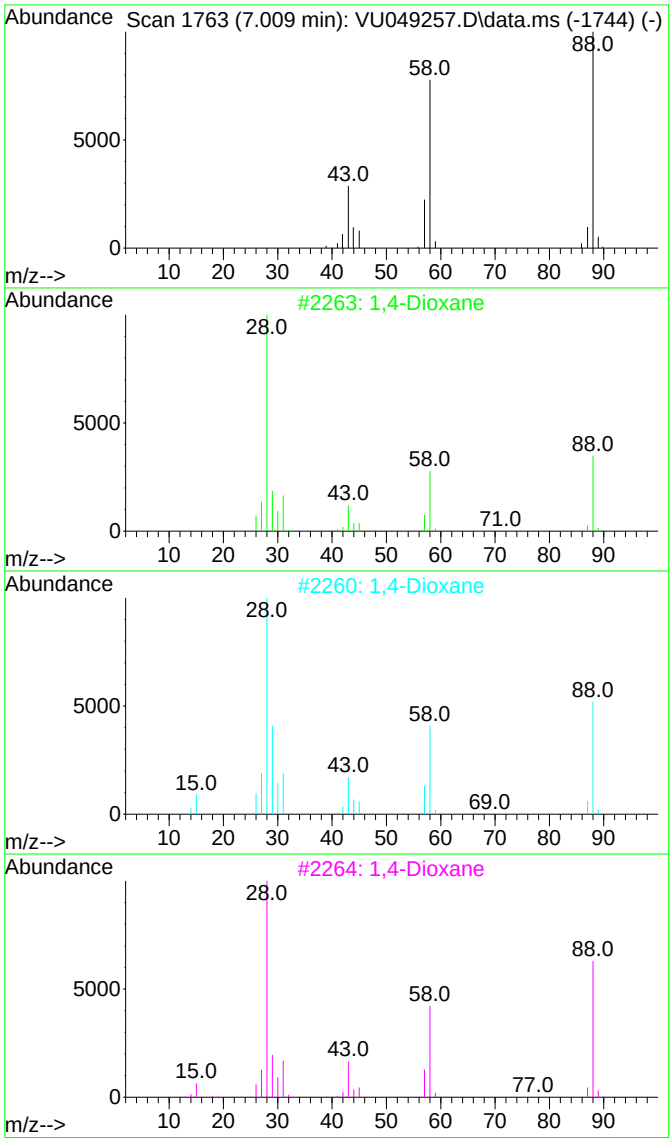
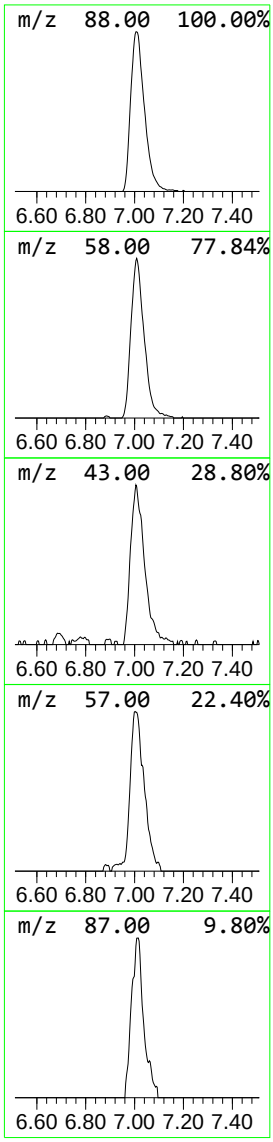
Peak Number 2 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.009	2.92 ug/L	184781	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	91
2	1,4-Dioxane	88	C4H8O2	000123-91-1	91
3	1,4-Dioxane	88	C4H8O2	000123-91-1	91
4	1,4-Dioxane	88	C4H8O2	000123-91-1	90
5	1,4-Dioxane	88	C4H8O2	000123-91-1	64





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.475	10.6	ug/L	671188	1	6.250	316749	5.0
1,4-Dioxane	7.009	2.9	ug/L	184781	1	6.250	316749	5.0